

Wiper blade for windshield glass of vehicle - has wiper blade of crude and synthetic rubber moulded with parent metal and wiper blade and glass provided with coating to improve sliding between blade and glass

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NOVELTY - The surface of wind shield glass is processed with a silicone or fluorine solution. The rubber blade, is a mould of crude and synthetic rubber, over a parent metal. The vehicle window glass and the sliding lip part are coated with a coating composition to improve sliding contact between them. Preferably the powder component of coating composition is molybdenum disulphide, graphitised, **nitride boron**. The powder component of coating is nylon, water absorbent resin and polytetrafluoroethylene resin. The binder is urethane group resin, modacrylic resin, and fluoroolefin alkyl vinyl ether copolymerised body.

USE - For wiper blades of vehicles.

ADVANTAGE - The friction drag of the wiper blade against windshield glass reduces, thereby improving sliding characteristics. Also useful life of solution coated on glass substrate improves. The wiper blade wipes out water drops adhering to the glass without 'chatter' of the wiper and ensures clear view to driver.